

IND. P45/10

**ENTERED**

2/14/2002

**Edited by:**

Verified by:                      (STIC staff)

- 5310

#6

3/1/95



PCT10

## RAW SEQUENCE LISTING

DATE: 02/14/2002

PATENT APPLICATION: US/10/030,725

TIME: 08:36:16

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\02142002\J030725.raw

p.5

3 <110> APPLICANT: NEXSTAR PHARMACEUTICALS, INC.  
 5 <120> TITLE OF INVENTION: High Affinity Vascular Endothelial Growth Factor (VEGF)  
 6 Receptor Nucleic Acid Ligands and Inhibitors  
 8 <130> FILE REFERENCE: NEX 88/PCT  
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/030,725  
 C--> 11 <141> CURRENT FILING DATE: 2002-01-11  
 13 <150> PRIOR APPLICATION NUMBER: 09/364,540  
 14 <151> PRIOR FILING DATE: 1999-07-29  
 16 <160> NUMBER OF SEQ ID NOS: 36  
 18 <170> SOFTWARE: PatentIn Ver. 2.0  
 20 <210> SEQ ID NO: 1  
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 22 <212> TYPE: RNA  
 23 <213> ORGANISM: Artificial Sequence  
 25 <220> FEATURE:  
 26 <221> NAME/KEY: modified\_base  
 27 <222> LOCATION: (1)..(71)  
 28 <223> OTHER INFORMATION: All pyrimidines are 2'F; N at positions 16 - 55 is  
 29 any base.  
 31 <220> FEATURE:  
 32 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
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 37 gacucgcccga a 71  
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 40 <211> LENGTH: 70  
 41 <212> TYPE: RNA  
 42 <213> ORGANISM: Artificial Sequence  
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 45 <221> NAME/KEY: modified\_base  
 46 <222> LOCATION: (1)..(70)  
 47 <223> OTHER INFORMATION: All pyrimidines are 2'F.  
 49 <220> FEATURE:  
 50 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
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 53 <400> SEQUENCE: 2  
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 57 <210> SEQ ID NO: 3  
 58 <211> LENGTH: 70  
 59 <212> TYPE: RNA  
 60 <213> ORGANISM: Artificial Sequence

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63 <221> NAME/KEY: modified_base
64 <222> LOCATION: (1)..(70)
65 <223> OTHER INFORMATION: All pyrimidines are 2'F.
67 <220> FEATURE:
68 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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73 acucgcccga                                     70
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76 <211> LENGTH: 71
77 <212> TYPE: RNA
78 <213> ORGANISM: Artificial Sequence
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81 <221> NAME/KEY: modified_base
82 <222> LOCATION: (1)..(71)
83 <223> OTHER INFORMATION: All pyrimidines are 2'F.
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
87     Sequence
89 <400> SEQUENCE: 4
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91 gacucgcccg a                                     71
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96 <213> ORGANISM: Artificial Sequence
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99 <221> NAME/KEY: modified_base
100 <222> LOCATION: (1)..(71)
101 <223> OTHER INFORMATION: All pyrimidines are 2'F.
103 <220> FEATURE:
104 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
105     Sequence
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109 gacucgcccg a                                     71
111 <210> SEQ ID NO: 6
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114 <213> ORGANISM: Artificial Sequence
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119 <223> OTHER INFORMATION: All pyrimidines are 2'F.
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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125 <400> SEQUENCE: 6  
 126 gggaggacga ugcgagacgau aacacagggc cugcuuggau cacacugauu gcgcccagac 60  
 127 gacucgcccga a 71  
 129 <210> SEQ ID NO: 7  
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 135 <221> NAME/KEY: modified\_base  
 136 <222> LOCATION: (1)..(72)  
 137 <223> OTHER INFORMATION: All pyrimidines are 2'F; n at position 19 is any  
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 140 <220> FEATURE:  
 141 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 142 Sequence  
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 146 cgacucgcccga 72  
 148 <210> SEQ ID NO: 8  
 149 <211> LENGTH: 70  
 150 <212> TYPE: RNA  
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 153 <220> FEATURE:  
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 156 <223> OTHER INFORMATION: All pyrimidines are 2'F.  
 158 <220> FEATURE:  
 159 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 160 Sequence  
 162 <400> SEQUENCE: 8  
 163 gggaggacga ugcgagcga acacagggc ugcuuggauc acacugauug cgcccagacg' 60  
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 168 <212> TYPE: RNA  
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 171 <220> FEATURE:  
 172 <221> NAME/KEY: modified\_base  
 173 <222> LOCATION: (1)..(71)  
 174 <223> OTHER INFORMATION: All pyrimidines are 2'F.  
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 177 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
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 184 <210> SEQ ID NO: 10  
 185 <211> LENGTH: 71  
 186 <212> TYPE: RNA

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Input Set : A:\PTO.AMC.txt

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187 <213> ORGANISM: Artificial Sequence  
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 190 <221> NAME/KEY: modified\_base  
 191 <222> LOCATION: (1)..(71)  
 192 <223> OTHER INFORMATION: All pyrimidines are 2'F.  
 194 <220> FEATURE:  
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 198 <400> SEQUENCE: 10  
 199 gggaggacga ugcggggccu guuuggauca uaccgaucgu caauccaaga guggucagac 60  
 200 gacucgccccg a 71  
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 203 <211> LENGTH: 71  
 204 <212> TYPE: RNA  
 205 <213> ORGANISM: Artificial Sequence  
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 208 <221> NAME/KEY: modified\_base  
 209 <222> LOCATION: (1)..(71)  
 210 <223> OTHER INFORMATION: All pyrimidines are 2'F.  
 212 <220> FEATURE:  
 213 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 214 Sequence  
 216 <400> SEQUENCE: 11  
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 218 gacucgccccg a 71  
 220 <210> SEQ ID NO: 12  
 221 <211> LENGTH: 71  
 222 <212> TYPE: RNA  
 223 <213> ORGANISM: Artificial Sequence  
 225 <220> FEATURE:  
 226 <221> NAME/KEY: modified\_base  
 227 <222> LOCATION: (1)..(71)  
 228 <223> OTHER INFORMATION: All pyrimidines are 2'F.  
 230 <220> FEATURE:  
 231 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 232 Sequence  
 234 <400> SEQUENCE: 12  
 235 gggaggacga ugcggggccu gcuuggauca uaccgaucgu caauccuaaa guggucagac 60  
 236 gacucgccccg a 71  
 238 <210> SEQ ID NO: 13  
 239 <211> LENGTH: 71  
 240 <212> TYPE: RNA  
 241 <213> ORGANISM: Artificial Sequence  
 243 <220> FEATURE:  
 244 <221> NAME/KEY: modified\_base  
 245 <222> LOCATION: (1)..(71)  
 246 <223> OTHER INFORMATION: All pyrimidines are 2'F.  
 248 <220> FEATURE:  
 249 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

RAW SEQUENCE LISTING                      DATE: 02/14/2002  
 PATENT APPLICATION: US/10/030,725        TIME: 08:36:16

Input Set : A:\PTO.AMC.txt  
 Output Set: N:\CRF3\02142002\J030725.raw

250        Sequence  
 252 <400> SEQUENCE: 13  
 253 gggaggacga ugcggggccu gcuuggauca uaccgaucgu caagccuaaa guggucagac 60  
 254 gacucgcccga a 71  
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 258 <212> TYPE: RNA  
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 262 <221> NAME/KEY: modified\_base  
 263 <222> LOCATION: (1)..(70)  
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 268        Sequence  
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 275 <211> LENGTH: 71  
 276 <212> TYPE: RNA  
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 279 <220> FEATURE:  
 280 <221> NAME/KEY: modified\_base  
 281 <222> LOCATION: (1)..(71)  
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 293 <211> LENGTH: 69  
 294 <212> TYPE: RNA  
 295 <213> ORGANISM: Artificial Sequence  
 297 <220> FEATURE:  
 298 <221> NAME/KEY: modified\_base  
 299 <222> LOCATION: (1)..(69)  
 300 <223> OTHER INFORMATION: All pyrimidines are 2'F.  
 302 <220> FEATURE:  
 303 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
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 306 <400> SEQUENCE: 16  
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 308 cucgcccga 69  
 310 <210> SEQ ID NO: 17  
 311 <211> LENGTH: 69  
 312 <212> TYPE: RNA

Use of n and/or Xaa has been detected in the Sequence Listing.  
 Review the Sequence Listing to insure a corresponding  
 explanation is presented in the <220> to <223> fields of  
 each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/030,725

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Input Set : A:\PTO.AMC.txt

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L:10 M:270 C: Current Application Number differs, Replaced Application Number  
 L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
 L:36 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
 L:145 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7  
 L:380 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20  
 L:543 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29  
 L:669 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36

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